	Title	Current OR	Current XRef
1	Induced polarization system using towed cable carrying transmitters and receivers for identifying minerals on the ocean floor	324/365	324/357
2	Induced polarization method using towed cable carrying transmitters and receivers for identifying minerals on the ocean floor	324/365	324/357
3	Microwave antenna for cancer detection system	600/430	

	Title	Current OR	Current XRef
1	System and method for determining the distribution and orientation of natural fractures	181/106	175/40 ; 367/86
2	Method for determining the depth of a hydraulic fracture zone in the earth	367/86	166/254.2 ; 367/34 ; 367/35
3	Seismic prospecting system	367/40	367/41 ; 367/49 ; 367/51 ; 367/60 ; 367/74

	Title	Current OR	Current XRef
33	Method and apparatus for deriving pseudo range from earth-orbiting satellites	342/352	342/357.05
34	Sensor system with time division multiplexing telemetry	367/79	340/870.13 ; 340/870.14 ; 359/135 ; 359/141 ; 359/143 ; 359/149 ; 359/158 ; 359/182 ; 359/184 ; 370/503 ; 370/533
35	Linear prediction coding for compressing of seismic data	367/76	367/46 ; 367/74 ; 375/249 ; 702/14
36	Method of editing seismic traces, as say gathered by large multichannel collection systems	702/17	367/20 ; 367/41 ; 367/43 ; 367/59
37	Universal signal generator and signal parameter comparator	708/845	367/38 ; 702/14 ; 708/813
38	Seismic exploration technique	367/46	367/47 ; 367/49 ; 702/17
39	Method and apparatus for examining a solid	73/610	73/620
40	LOGGING METHOD AND SYSTEM	367/83	175/56 ; 175/65

	Title	Current OR	Current XRef
22	Method for determining subsurface electrical resistance using electroseismic measurements	324/323	324/334 ; 324/344 ; 324/347 ; 367/14
23	Method of high resolution and high SNR data acquisition for probing using pulse-compression	367/42	367/49 ; 367/50 ; 702/14
24	Method and apparatus for compressing data produced from a well tool in a wellbore prior to transmitting the compressed data uphole to a surface	324/303	
25	Method for calibrating a downhole receiver used in electromagnetic instrumentation for detecting an underground conductor	324/338	324/202
26	Method for detecting anomalous geological zones by transmitting electromagnetic energy between spaced drillholes using different	324/338	324/335
27	Surface-consistent minimum-phase deconvolution	367/46	367/21
28	Adjusting seismic data to tie to other data	367/38	367/48
29	Maximum entropy velocity estimator for ultrasonic flow imaging system	600/455	73/861.25
30	Long feature vertical or horizontal electrical conductor detection methodology using phase coherent electromagnetic instrumentation	324/338	324/334 ; 324/335 ; 324/339
31	Bandwidth enhancing seismic acquisition system and method	702/17	367/44
32	Multi-antenna gas receiver for seismic survey vessels	342/352	342/357.12

	Title	Current OR	Current XRef
11	Method and apparatus for simulating a lofargram in a multipath sonar system	434/6	434/7
12	Offshore seismic prospecting method using a hydrophone-geophone sensor pair	367/24	367/21
13	Method and device for attenuating water column reverberations using co-located hydrophones and geophones in ocean bottom seismic processing	367/24	367/49
14	Processing method for calibrating a hydrophone-geophone sensor pair, and a seismic prospecting method	367/13	367/24
15	Programmable acoustic borehole logging	367/34	181/103 ; 340/855.7 ; 367/25
16	High fidelity vibratory source seismic method with source separation	367/41	367/38 ; 367/43 ; 702/14 ; 702/17 ; 702/32
17	Method and apparatus for source separation of seismic vibratory signals	367/41	367/38 ; 702/14
18	High fidelity vibratory source seismic method using a plurality of vibrator sources	367/48	181/111 ; 367/46 ; 702/17
19	One step inversion/separation scheme using a plurality of vibrator sources	367/46	367/189 ; 367/21 ; 367/49 ; 702/159
20	High fidelity vibratory source seismic method	367/48	367/23 ; 702/17
21	Method for identifying and suppressing anomalous frequency components in seismic data	367/49	367/32 ; 367/43 ; 367/73 ; 702/17

	Title	Current OR	Current XRef
1	Induced polarization system using towed cable carrying transmitters and receivers for identifying minerals on the ocean floor	324/365	324/357
2	Induced polarization method using towed cable carrying transmitters and receivers for identifying minerals on the ocean floor	324/365	324/357
3	Wireless integrated sensor network using multiple relayed communications	340/539	340/511 ; 340/531 ; 340/825.5 ; 340/825.69 ; 340/825.72 ; 340/854.6 ; 340/870.16 ; 340/870.21
4	Method and apparatus for computing drill bit vibration power spectral density	702/9	702/17
5	Robust and intelligent bearing estimation	367/99	342/195 ; 367/118
6	Method for correcting amplitude and phase differences between time-lapse seismic surveys	367/46	340/853.1 ; 367/48
7	Method and apparatus for simulating reverberation in a multipath sonar system	434/6	434/7
8	Method and apparatus for simulating a multipath sonar system	434/6	434/7
9	Method and apparatus for simulating cross-correlation coefficients in a multipath sonar system	434/6	434/7
10	Method and apparatus for simulating autocorrelation coefficients in a multipath sonar system	434/6	434/7

	U	1	Document ID	Issue Date	Pages
1	☒	☐	US 5996726 A	19991207	31
2	☒	☐	US 5010527 A	19910423	
3	☒	☐	US 4202048 A	19800506	

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1		Sorrells, Gordon , et al.	☐	☐	☐	☐	☐	☐	☐
2		Mahrer, Kenneth D.	☐	☐	☐	☐	☐	☐	☐
3		Edwards, Charles M.	☐	☐	☐	☐	☐	☐	☐

	U	1	Document ID	Issue Date	Pages
1	☒	☐	US 6236212 B1	20010522	9
2	☒	☐	US 6236211 B1	20010522	
3	☒	☐	US 6061589 A	20000509	

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1		Wynn, Jeffrey C.	☐	☐	☐	☐	☐	☐	☐
2		Wynn, Jeffrey C.	☐	☐	☐	☐	☐	☐	☐
3		Bridges, Jack E. , et al.	☐	☐	☐	☐	☐	☐	☐

	U	1	Document ID	Issue Date	Pages
1	☒	☐	US 6236212 B1	20010522	9
2	☒	☐	US 6236211 B1	20010522	
3	☒	☐	US 6208247 B1	20010327	
4	☒	☐	US 6151554 A	20001121	
5	☒	☐	US 6049510 A	20000411	
6	☒	☐	US 6041018 A	20000321	
7	☒	☐	US 6002914 A	19991214	
8	☒	☐	US 5995803 A	19991130	
9	☒	☐	US 5983067 A	19991109	
10	☒	☐	US 5978647 A	19991102	

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
1		Wynn, Jeffrey C.	☐	☐	☐	☐	☐	☐	☐
2		Wynn, Jeffrey C.	☐	☐	☐	☐	☐	☐	☐
3		Agre, Jonathan R. , et al.	☐	☐	☐	☐	☐	☐	☐
4		Rodney, Paul F.	☐	☐	☐	☐	☐	☐	☐
5		Claassen, John P.	☐	☐	☐	☐	☐	☐	☐
6		Roche, Steven L.	☐	☐	☐	☐	☐	☐	☐
7		Weinberg, Henry	☐	☐	☐	☐	☐	☐	☐
8		Weinberg, Henry	☐	☐	☐	☐	☐	☐	☐
9		Weinberg, Henry	☐	☐	☐	☐	☐	☐	☐
10		Weinberg, Henry	☐	☐	☐	☐	☐	☐	☐

	U	1	Document ID	Issue Date	Pages
11	☒	☐	US 5978646 A	19991102	
12	☒	☐	US 5835451 A	19981110	
13	☒	☐	US 5774416 A	19980630	
14	☒	☐	US 5757720 A	19980526	
15	☒	☐	US 5724308 A	19980303	
16	☒	☐	US 5721710 A	19980224	
17	☒	☐	US 5719821 A	19980217	
18	☒	☐	US 5715213 A	19980203	
19	☒	☐	US 5703833 A	19971230	
20	☒	☐	US 5550786 A	19960827	
21	☒	☐	US 5491669 A	19960213	

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
11		Weinberg, Henry	☐	☐	☐	☐	☐	☐	☐
12		Soubaras, Robert	☐	☐	☐	☐	☐	☐	☐
13		Sadek, Selwa , et al.	☐	☐	☐	☐	☐	☐	☐
14		Soubaras, Robert	☐	☐	☐	☐	☐	☐	☐
15		Sorrells, Martin H. , et al.	☐	☐	☐	☐	☐	☐	☐
16		Sallas, John J. , et al.	☐	☐	☐	☐	☐	☐	☐
17		Sallas, John J. , et al.	☐	☐	☐	☐	☐	☐	☐
18		Allen, Kenneth Paul	☐	☐	☐	☐	☐	☐	☐
19		Allen, Kenneth Paul	☐	☐	☐	☐	☐	☐	☐
20		Allen, Kenneth P.	☐	☐	☐	☐	☐	☐	☐
21		Chambers, Ronald E.	☐	☐	☐	☐	☐	☐	☐

	U	1	Document ID	Issue Date	Pages
22	☒	☐	US 5486764 A	19960123	
23	☒	☐	US 5426618 A	19950620	
24	☒	☐	US 5381092 A	19950110	
25	☒	☐	US 5260660 A	19931109	
26	☒	☐	US 5185578 A	19930209	
27	☒	☐	US 5173879 A	19921222	
28	☒	☐	US 5132938 A	19920721	
29	☒	☐	US 5107841 A	19920428	
30	☒	☐	US 5066917 A	19911119	
31	☒	☐	US 4875166 A	19891017	
32	☒	☐	US 4809005 A	19890228	

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
22		Thompson, Arthur H. , et al.	☐	☐	☐	☐	☐	☐	☐
23		Chen, Hong-Bin , et al.	☐	☐	☐	☐	☐	☐	☐
24		Freedman, Robert	☐	☐	☐	☐	☐	☐	☐
25		Stolarczyk, Larry G.	☐	☐	☐	☐	☐	☐	☐
26		Stolarczykz, Larry G.	☐	☐	☐	☐	☐	☐	☐
27		Cung, Vu K. , et al.	☐	☐	☐	☐	☐	☐	☐
28		Walters, William L.	☐	☐	☐	☐	☐	☐	☐
29		Sturgill, Michael R.	☐	☐	☐	☐	☐	☐	☐
30		Stolarczyk, Larry G.	☐	☐	☐	☐	☐	☐	☐
31		Carroll, Paul E. , et al.	☐	☐	☐	☐	☐	☐	☐
32		Counselman, III, Charles C.	☐	☐	☐	☐	☐	☐	☐

	U	1	Document ID	Issue Date	Pages
33	☒	☐	US 4797677 A	19890110	
34	☒	☐	US 4628493 A	19861209	
35	☒	☐	US 4509150 A	19850402	
36	☒	☐	US 4479183 A	19841023	
37	☒	☐	US 4326262 A	19820420	
38	☒	☐	US 4210968 A	19800701	
39	☒	☐	US 4167879 A	19790918	
40	☒	☐	US 3860902 A	19750114	

	Retrieval Classif	Inventor	S	C	P	2	3	4	5
33		MacDoran, Peter F. , et al.	☐	☐	☐	☐	☐	☐	☐
34		Nelson, David E. , et al.	☐	☐	☐	☐	☐	☐	☐
35		Davis, Aaron J.	☐	☐	☐	☐	☐	☐	☐
36		Ergas, Raymond A.	☐	☐	☐	☐	☐	☐	☐
37		Clement, Alvin H.	☐	☐	☐	☐	☐	☐	☐
38		Lindseth, Roy O.	☐	☐	☐	☐	☐	☐	☐
39		Pedersen, Norman E.	☐	☐	☐	☐	☐	☐	☐
40		Galle, Edward M.	☐	☐	☐	☐	☐	☐	☐